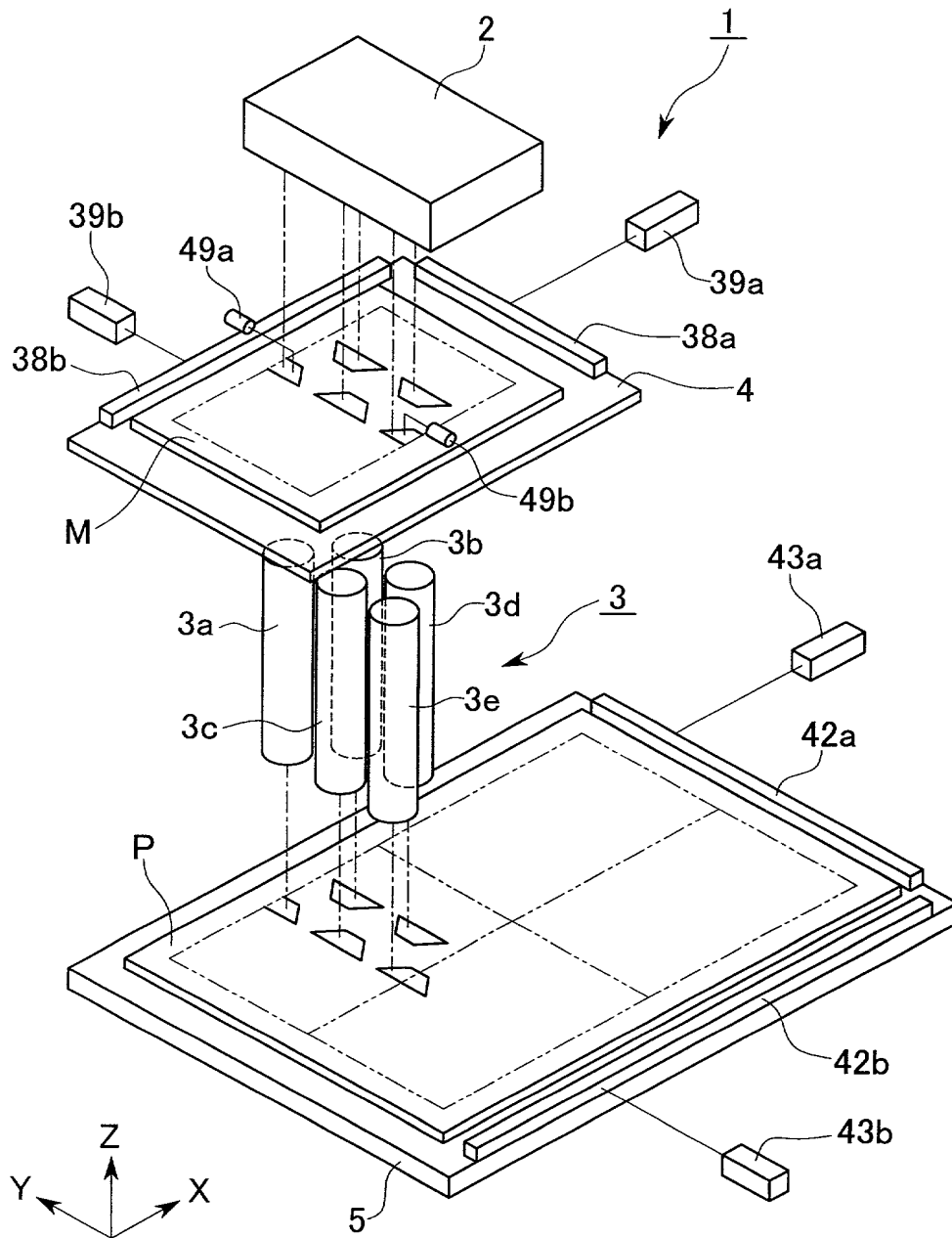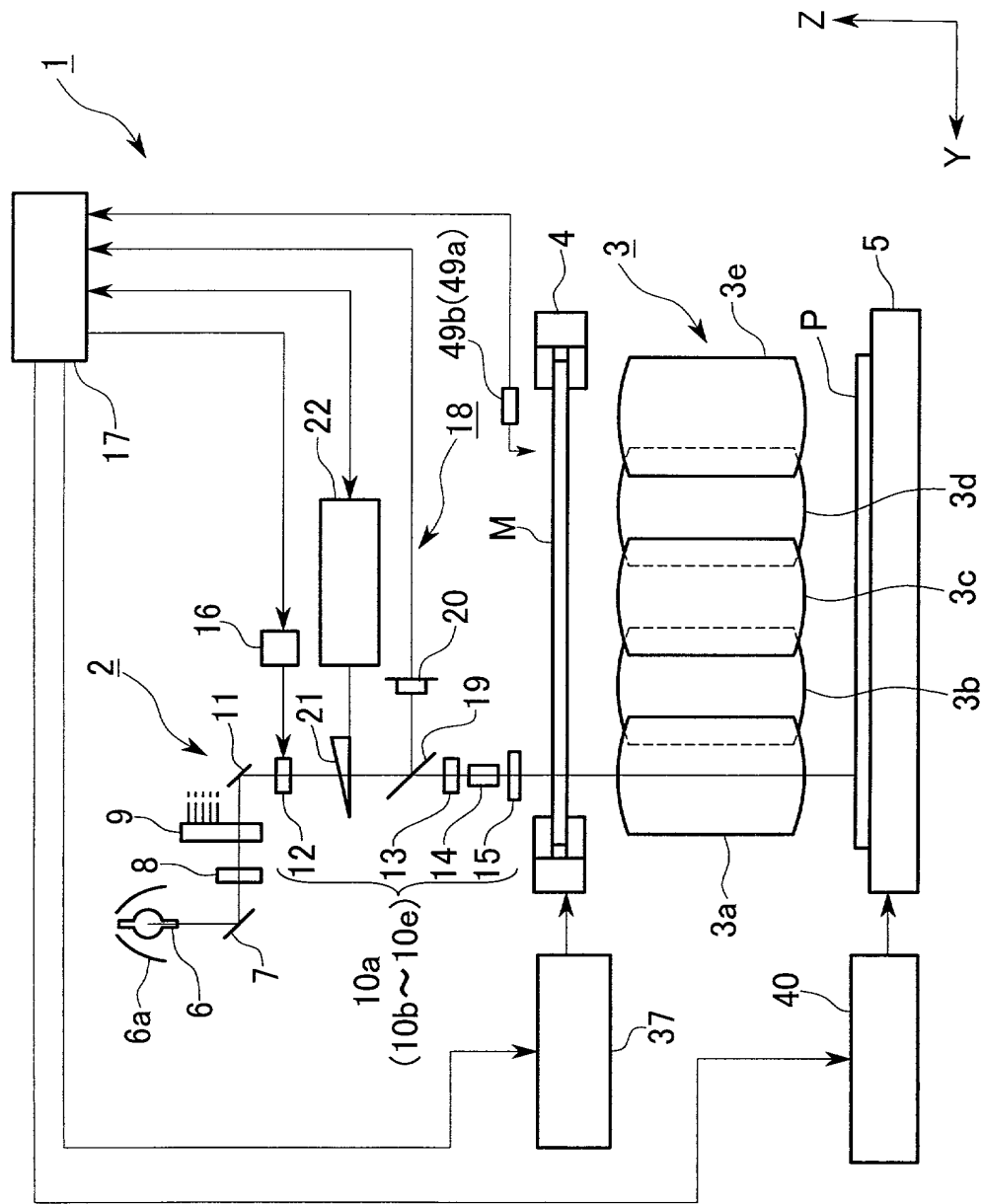# FIG. 1

FIG. 2

FIG. 3

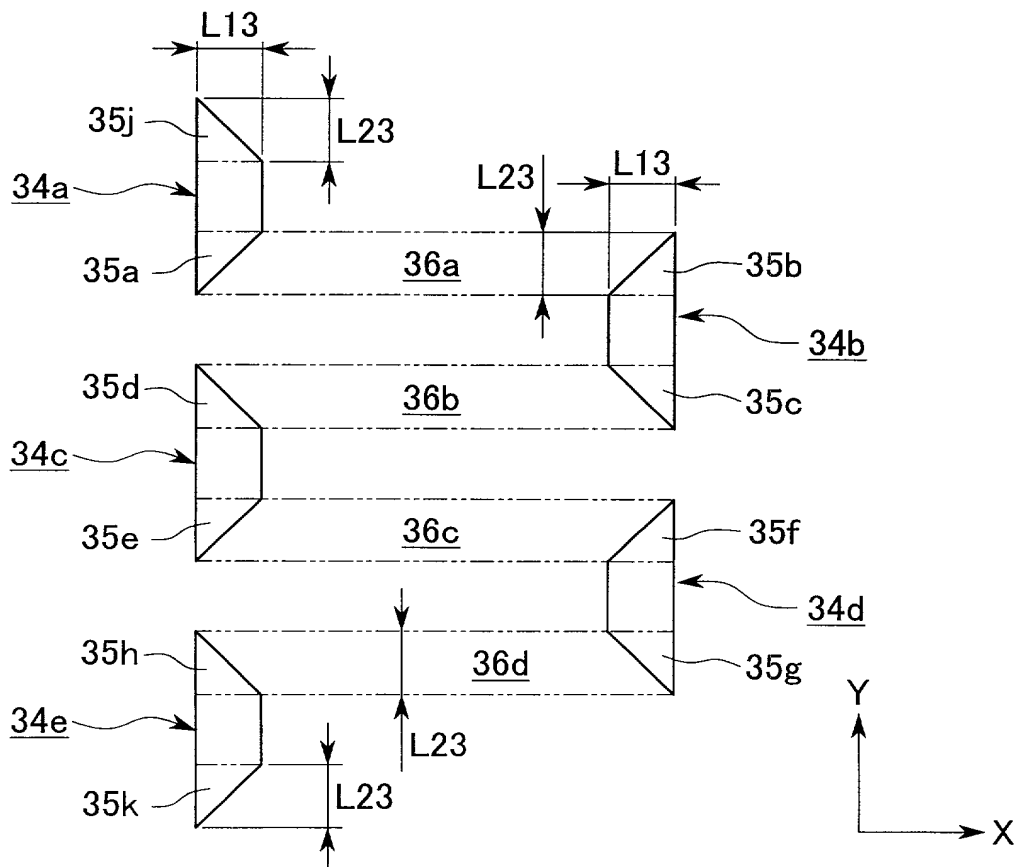

FIG. 4

FIG. 5

FIG. 6A
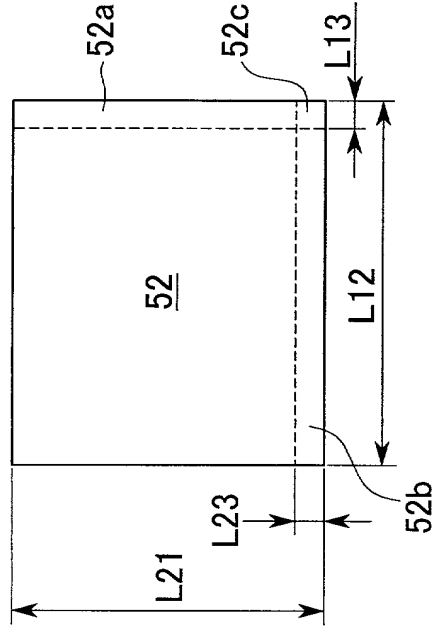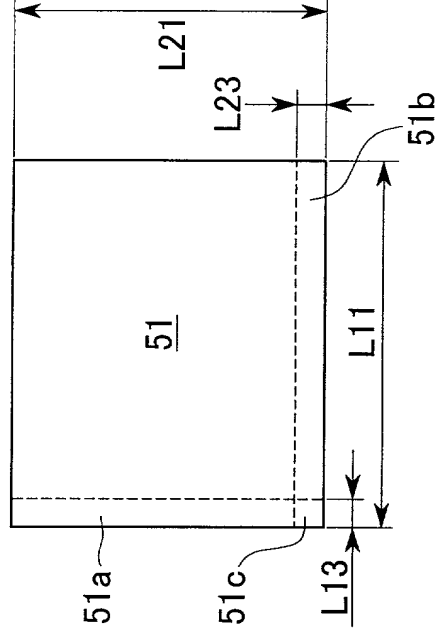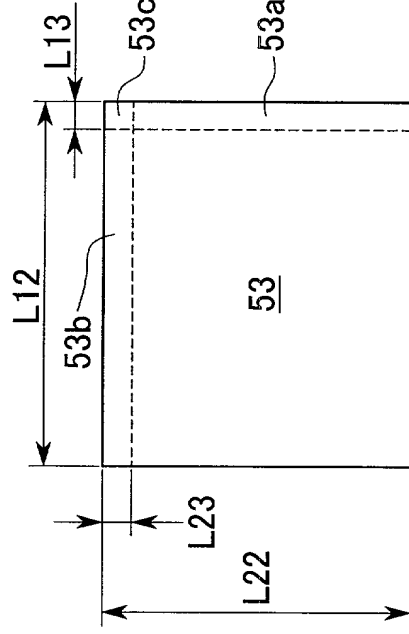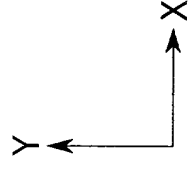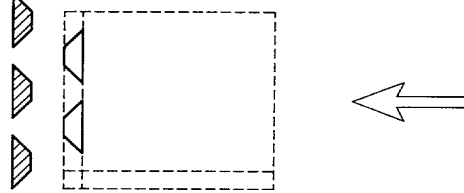
51

L21
L23
51a
51b
51c
L11
L13

FIG. 6B

52

52a
52c
L13
L12
52b
L21
L23

FIG. 6C

L13
53c
53a
L12
53b
53
L23
L22

FIG. 6D

L22
L23
54b
L11
54
L13
54c
54a

Y
X

FIG. 7

FIG. 8A

34a 34b 51a

34c

34e 51

34d 51c 51b

FIG. 8B

FIG. 8C

FIG. 8D

FIG. 8E 51

Y

X

FIG. 9A

34c   34a   34b

52a

52

52c

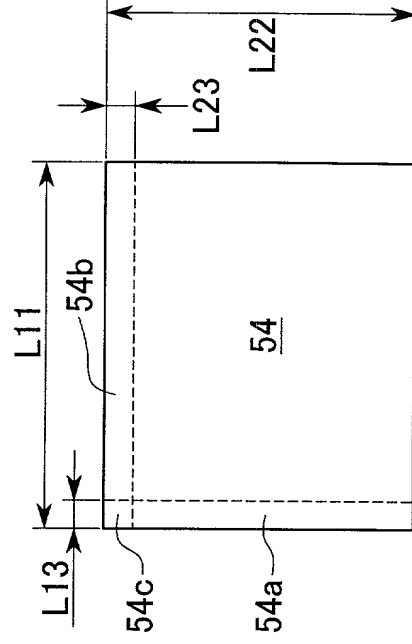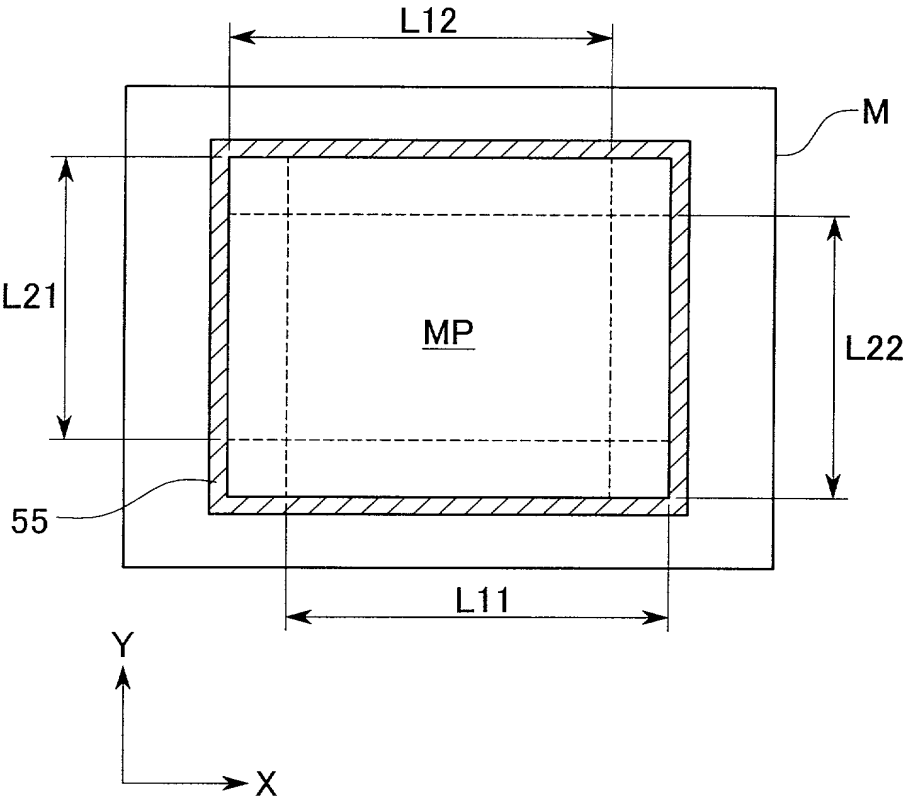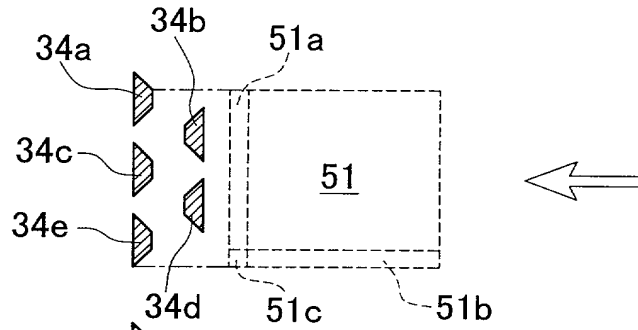52b   34e   34d

FIG. 9B

FIG. 9C

FIG. 9D

FIG. 9E

52

Y

X

FIG. 10A

OVERLAPPING PART 51c
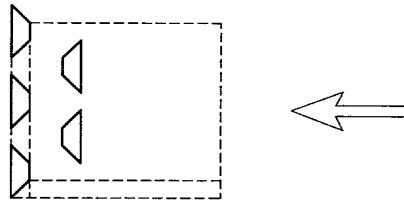
FIG. 10B
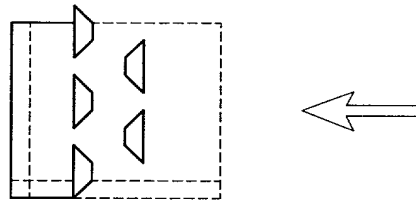
OVERLAPPING PART 52c
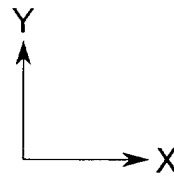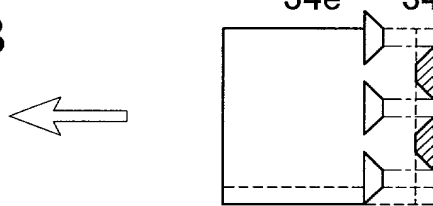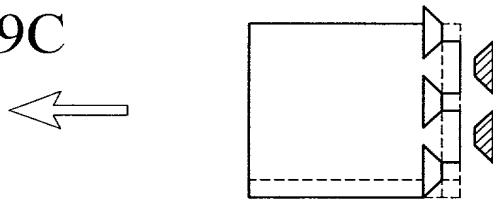
FIG. 10C
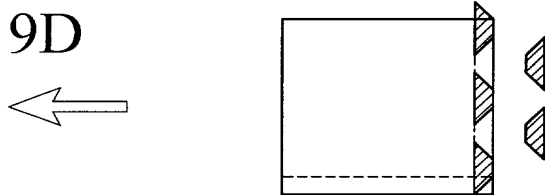
OVERLAPPING PART 53c
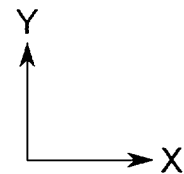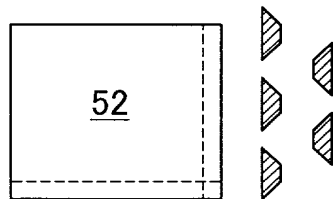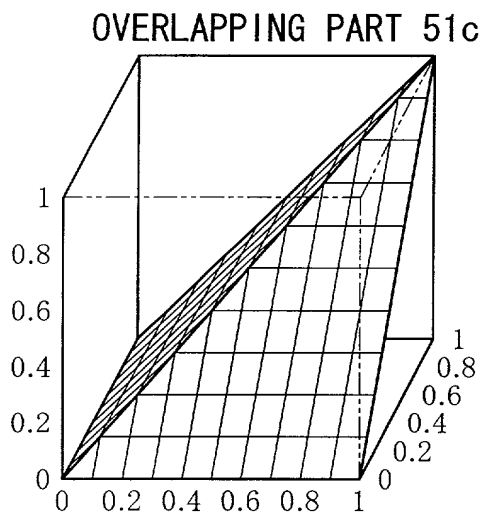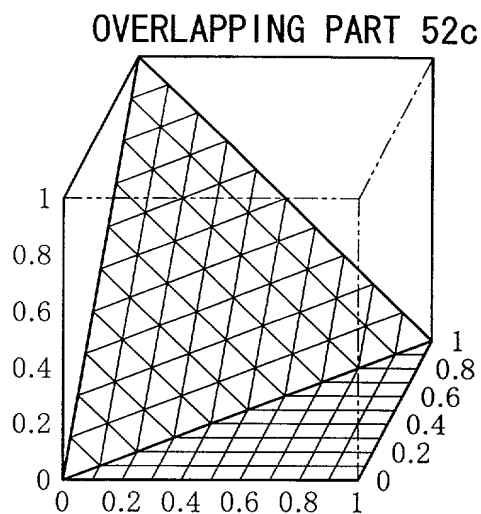
FIG. 10D

OVERLAPPING PART 54c

FIG. 11

FIG. 12A

OVERLAPPING PART 51e BY END
35a OF PROJECTION REGION

FIG. 12B

OVERLAPPING PART 51e BY END
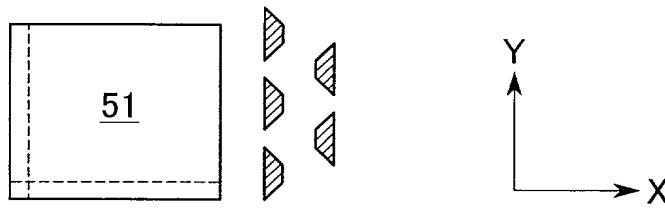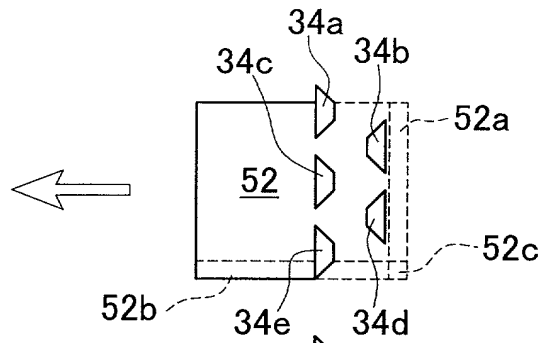35b OF PROJECTION REGION

FIG. 12C

OVERLAPPING PART 51f BY END
35d OF PROJECTION REGION

FIG. 12D

OVERLAPPING PART 51f BY END
35c OF PROJECTION REGION

OVERLAPPING PART 51e BY ENDS
35a+35b OF PROJECTION REGIONS
OVERLAPPING PART 51f BY ENDS
35c+35d OF PROJECTION REGIONS

FIG. 13A
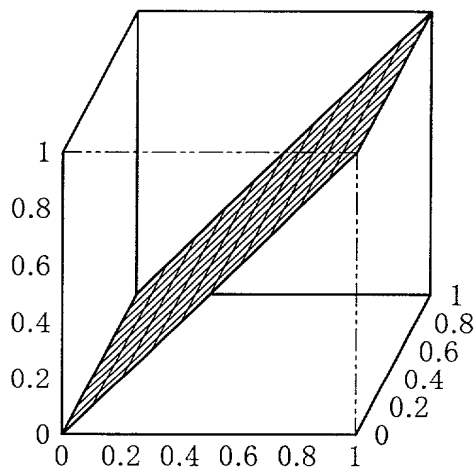
OVERLAPPING PART 52e BY ENDS
35a+35b OF PROJECTION REGIONS
OVERLAPPING PART 52f BY ENDS
35c+35d OF PROJECTION REGIONS

FIG. 13B

FIG. 14A

OVERLAPPING PARTS 51a, 54a
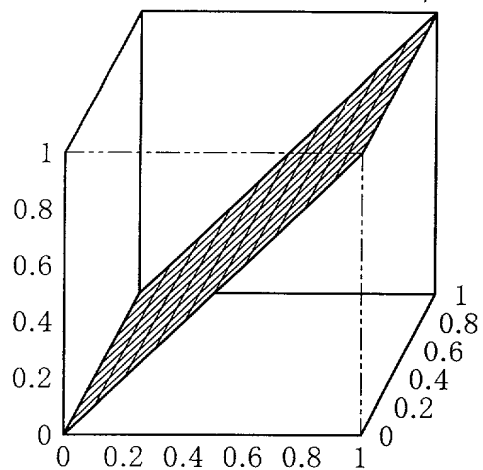
FIG. 14B

OVERLAPPING PARTS 52a, 53a
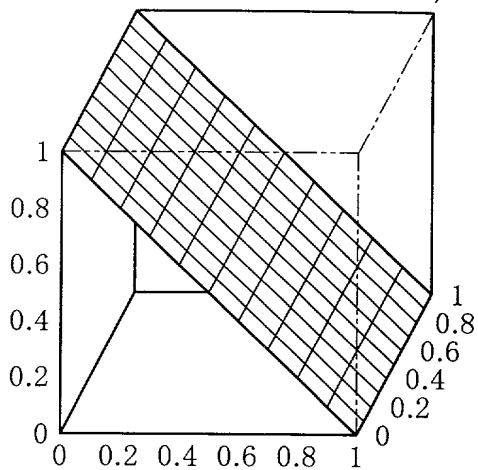
FIG. 14C

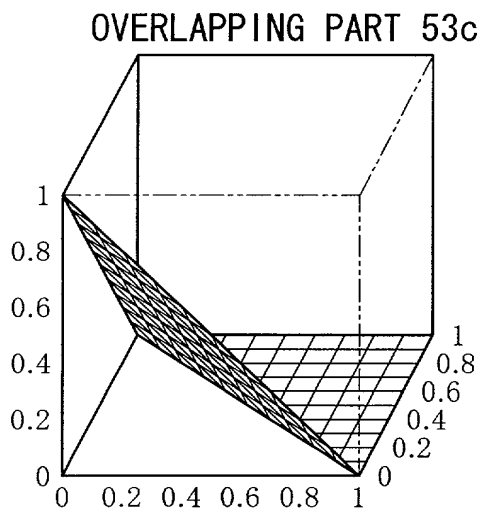## OVERLAPPING PARTS 51b, 52b
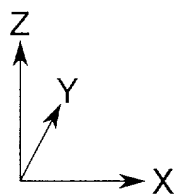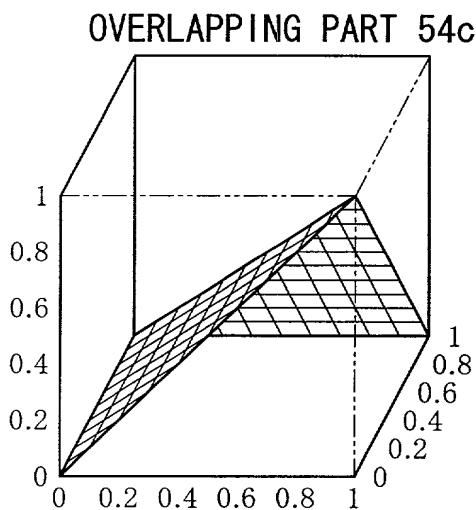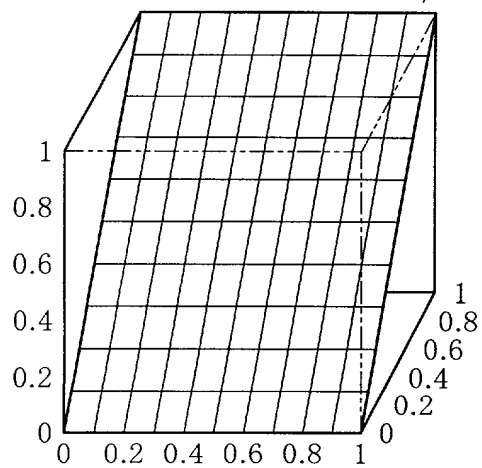

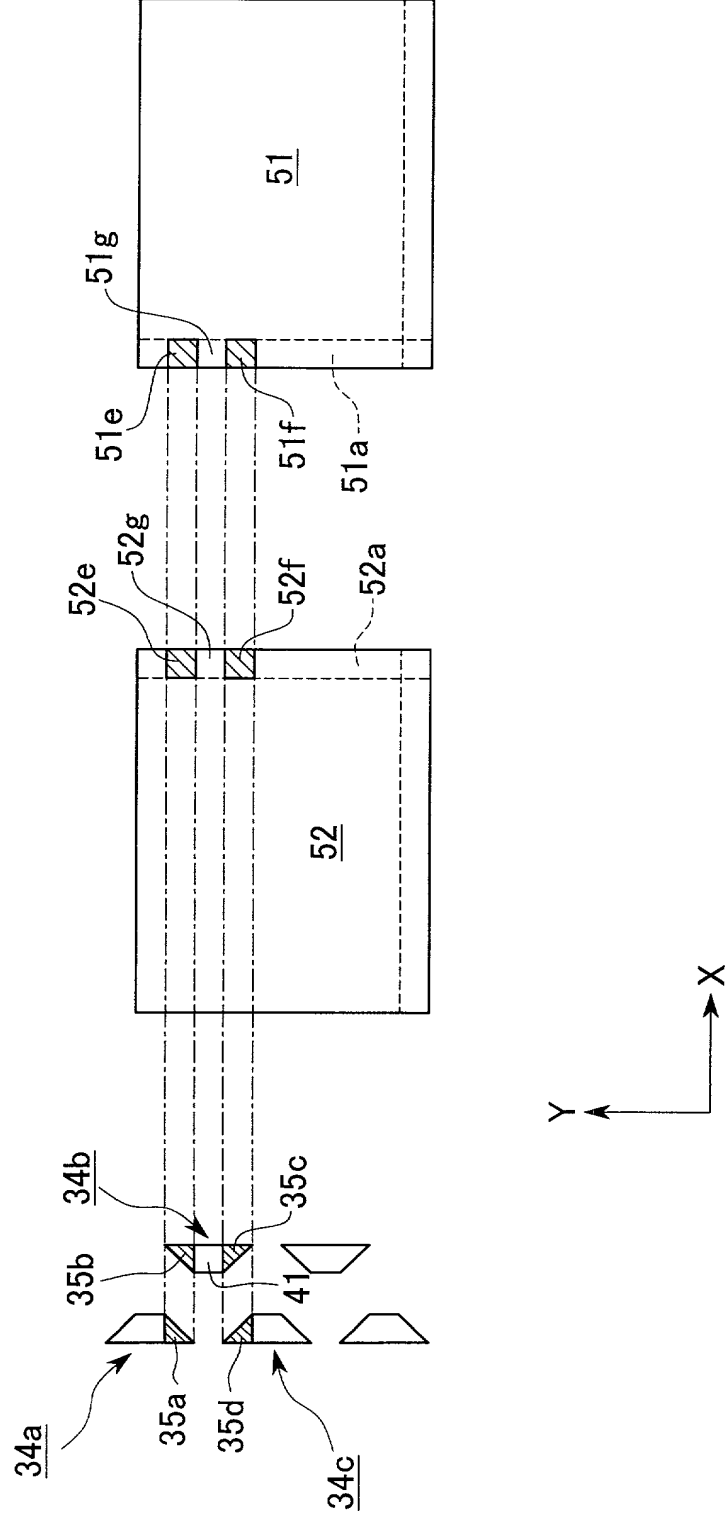# FIG. 14D

OVERLAPPING PARTS 53b, 54b
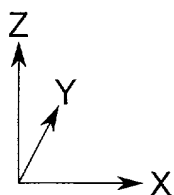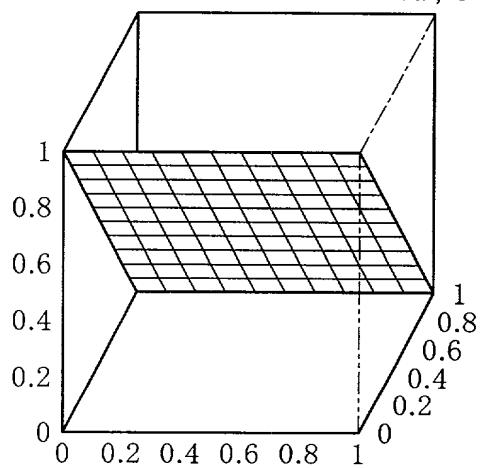
FIG. 15A

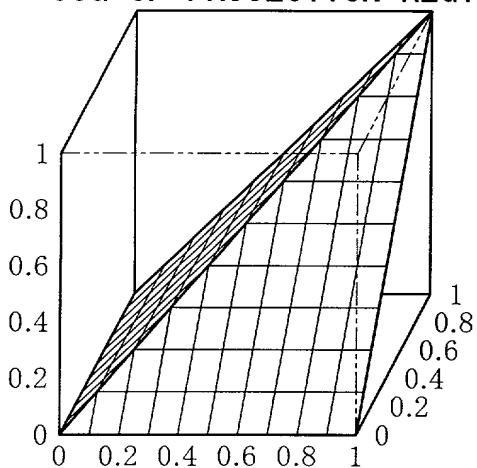OVERLAPPING PART 52e BY END
35a OF PROJECTION REGION
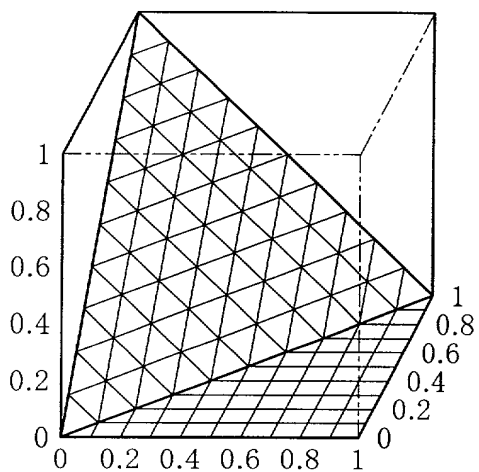
FIG. 15B
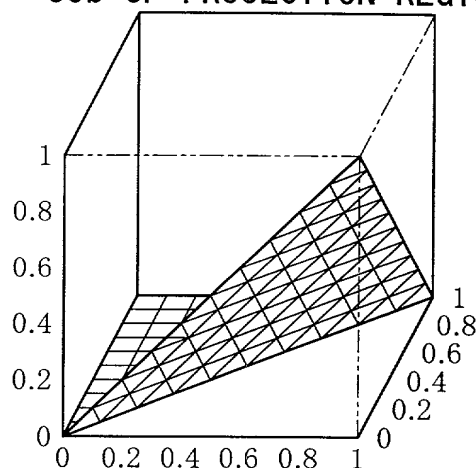
OVERLAPPING PART 52e BY END
35b OF PROJECTION REGION
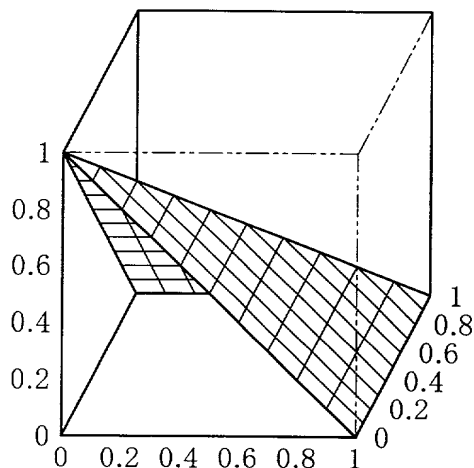
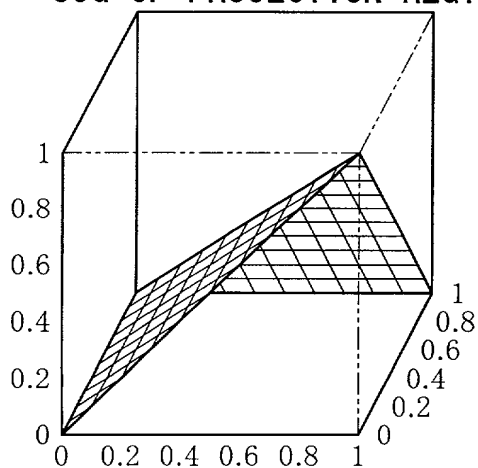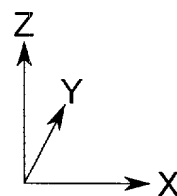## FIG. 15C
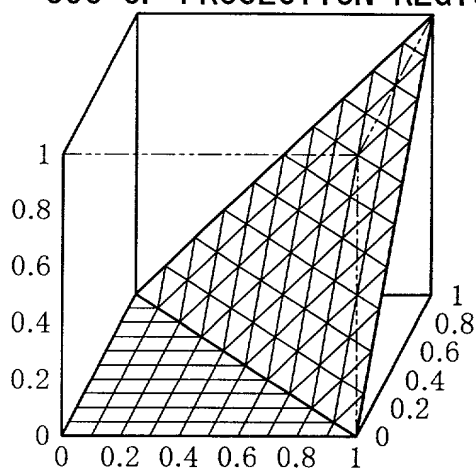
OVERLAPPING PART 52f BY END
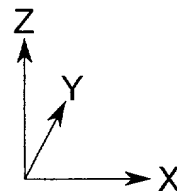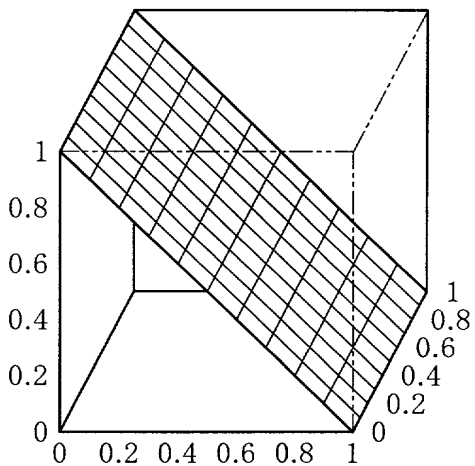35d OF PROJECTION REGION
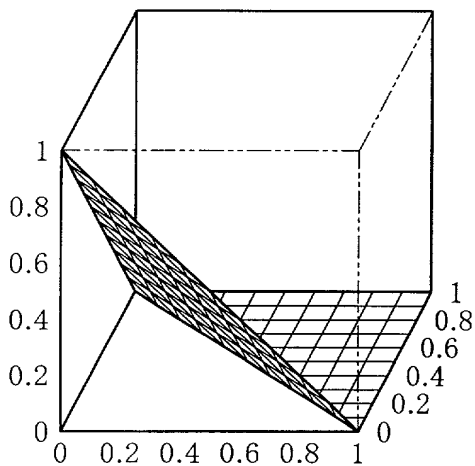
FIG. 15D

OVERLAPPING PART 52f BY END
35c OF PROJECTION REGION
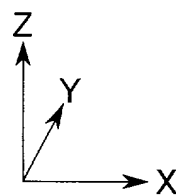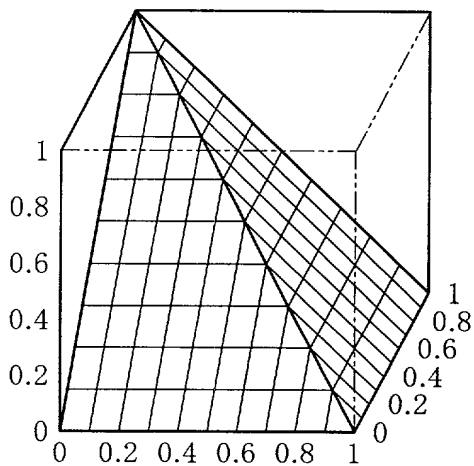
FIG. 16
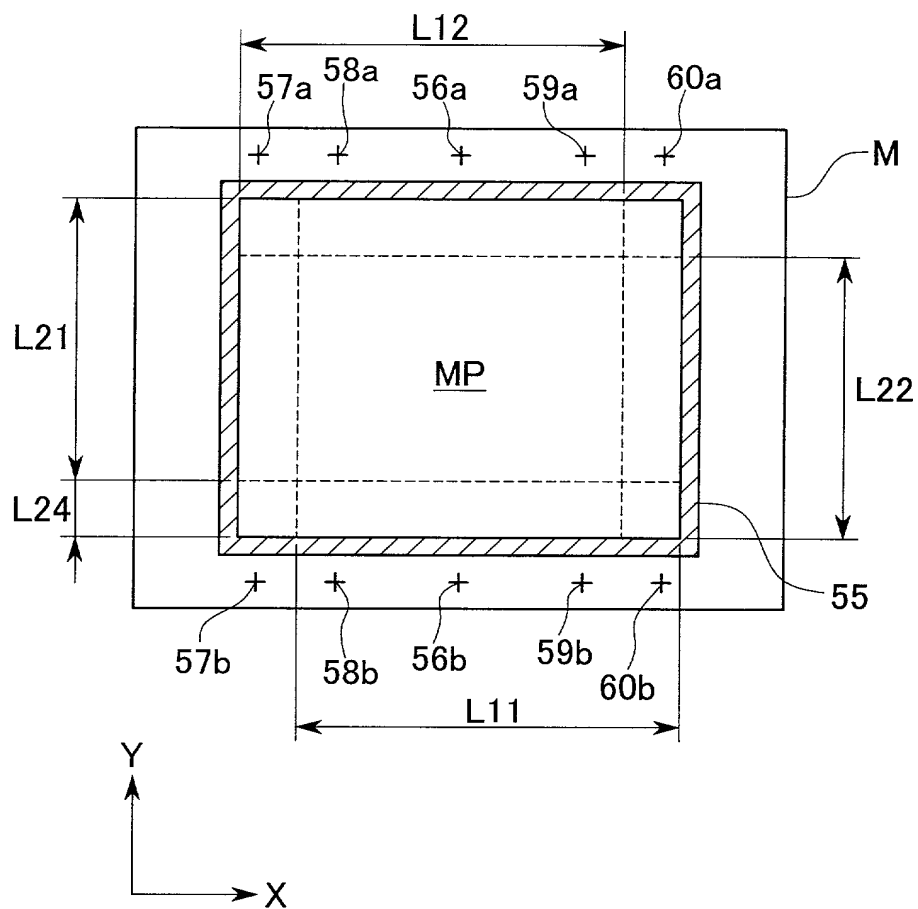
FIG. 17A
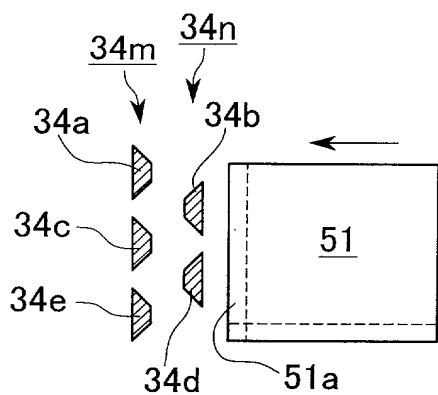
FIG. 17E
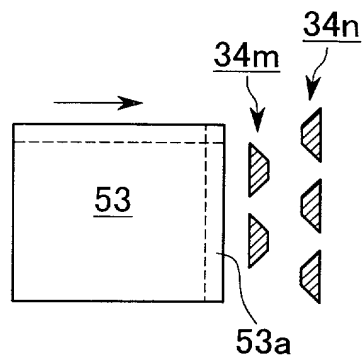
FIG. 17b
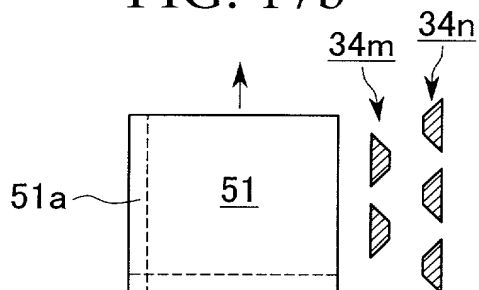
FIG. 17F
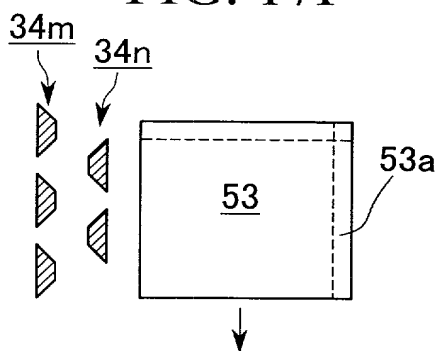
FIG. 17C
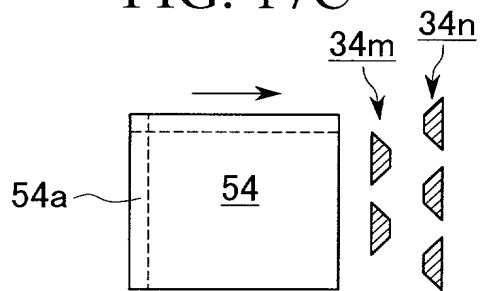
FIG. 17G
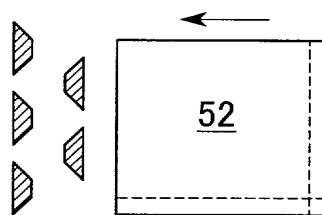
FIG. 17D

FIG. 18

FIG. 19

FIG. 20

FIG. 21

110a

110

110c

110b

X

Y

S

W2

110d

FIG. 22

113a   114a

114b   113b

W2

W1

110a

W1

110b

X

Y

FIG. 23

LP

117

16

P1   P3

S1   S2

JX1

W2

P2   P4

JX2

W2

117

JY1   JY2   JY3   JY4   JY5

W1

X

Y

FIG. 24

121

122

120

118

P(116)

119

X

Y
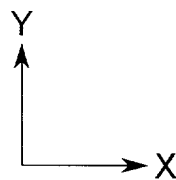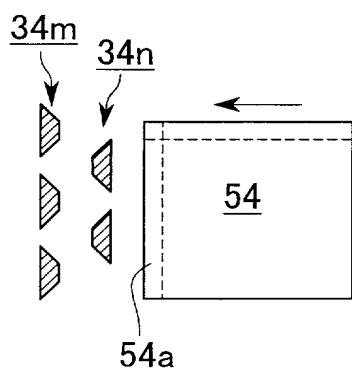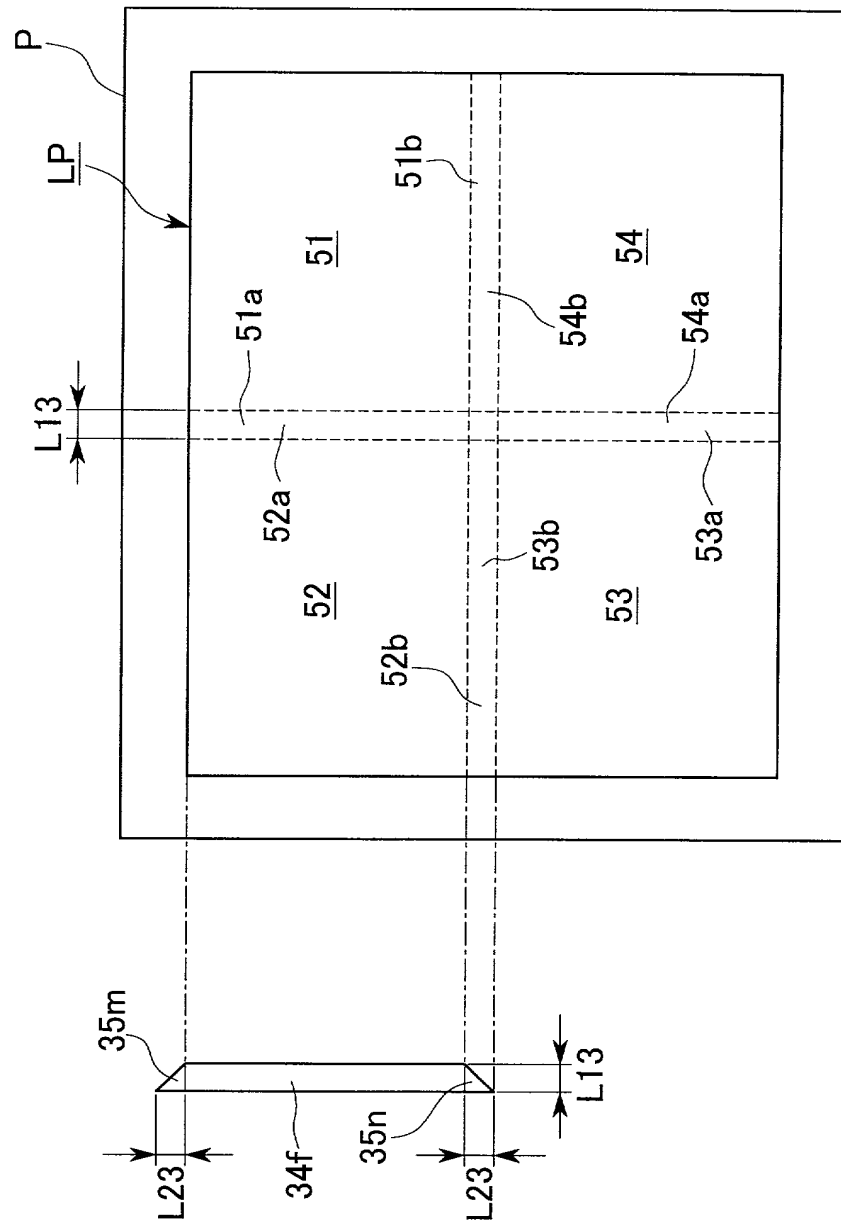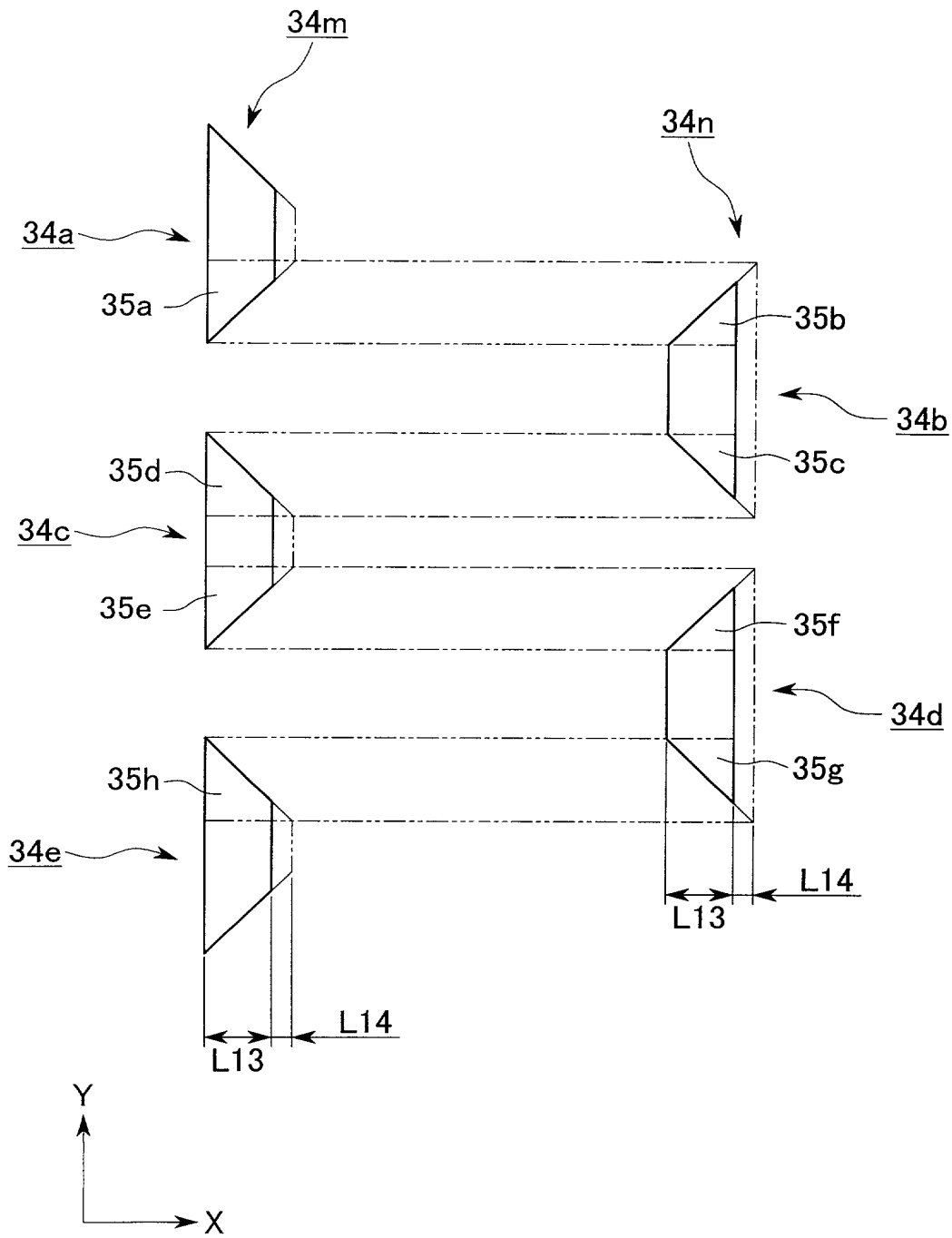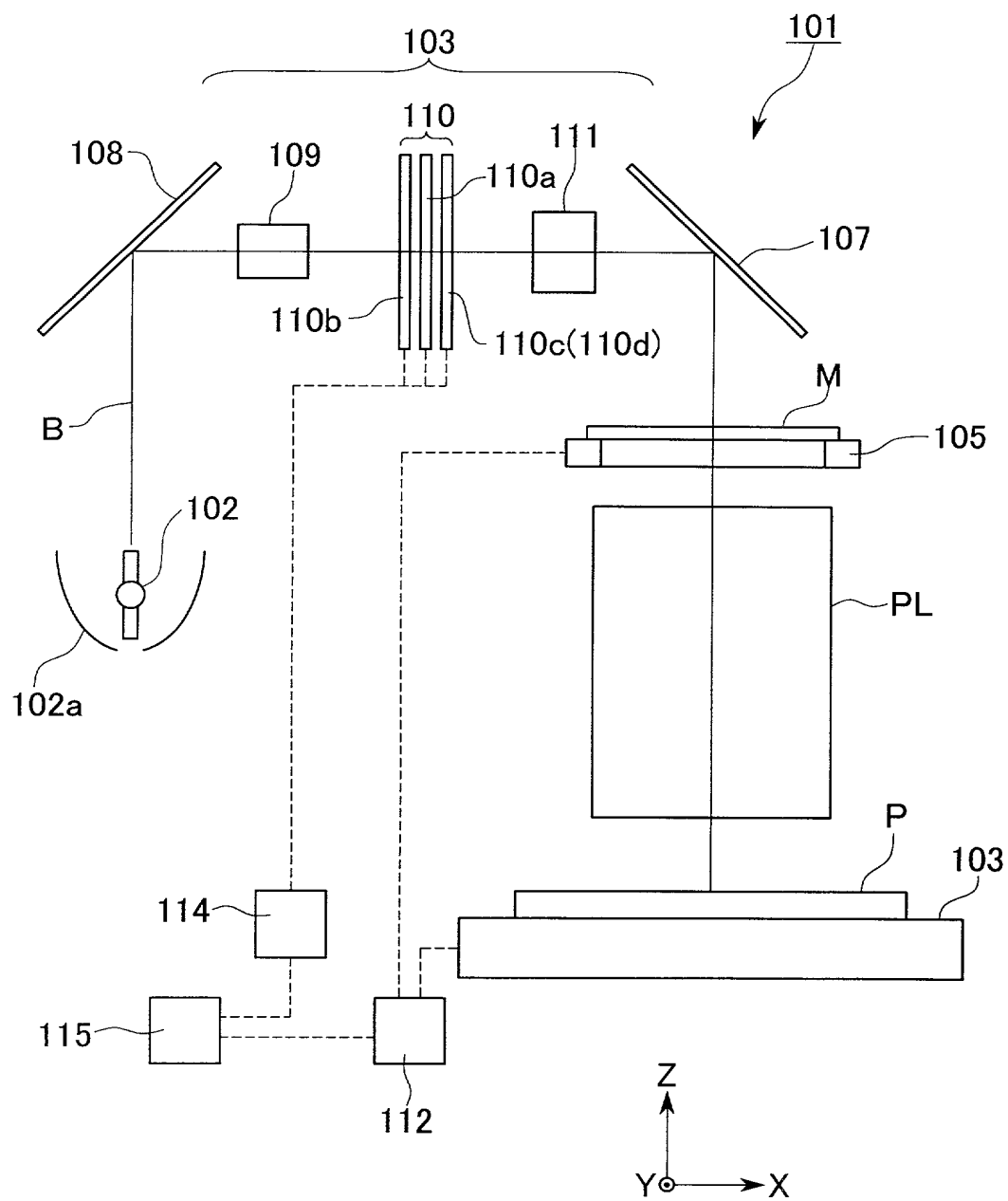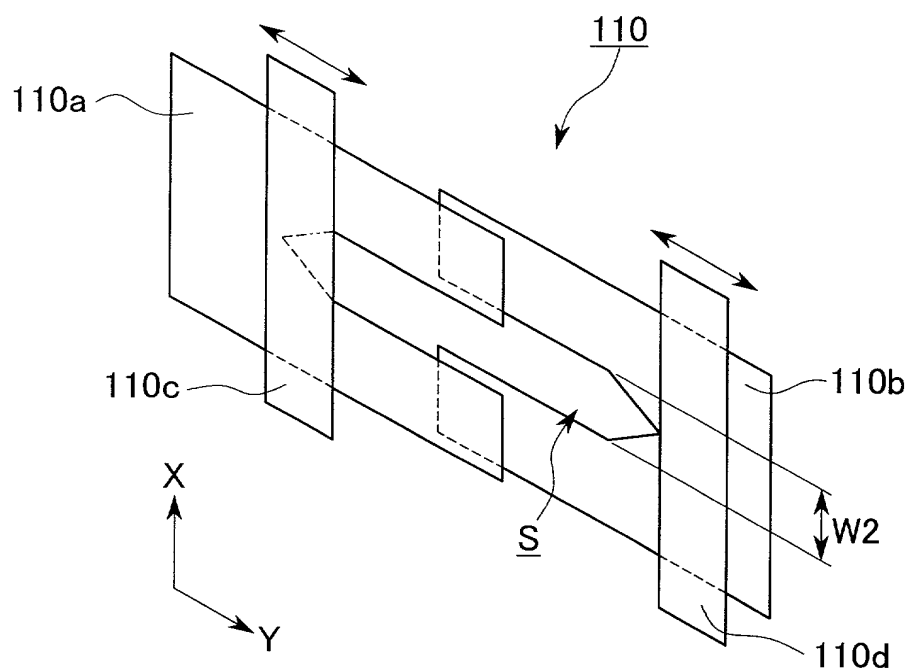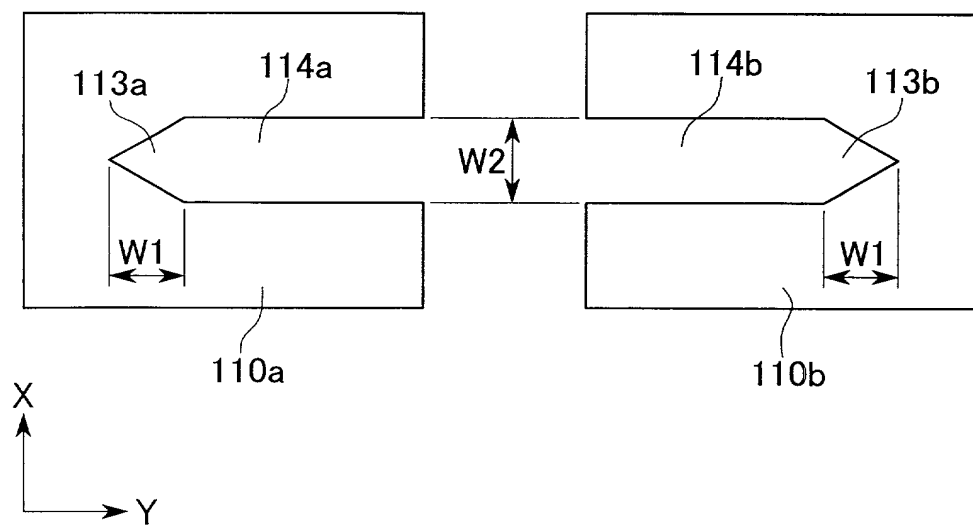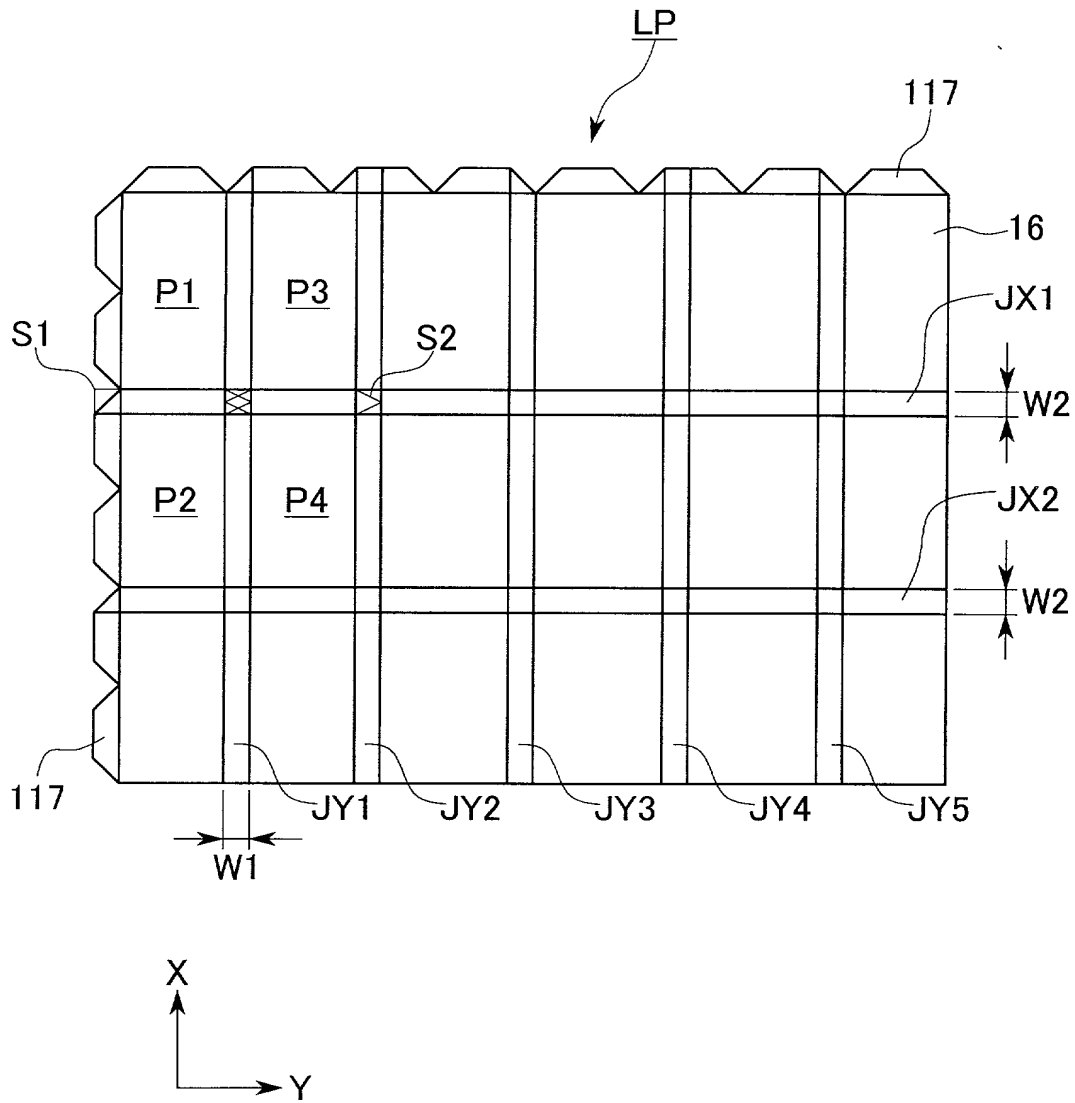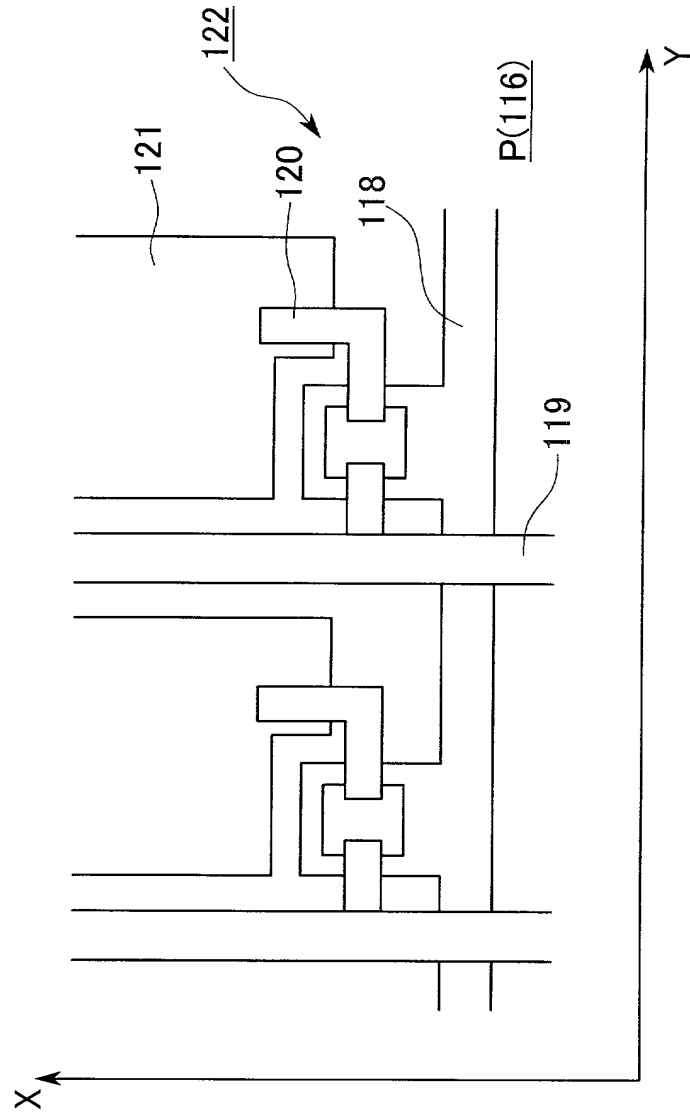
FIG. 25
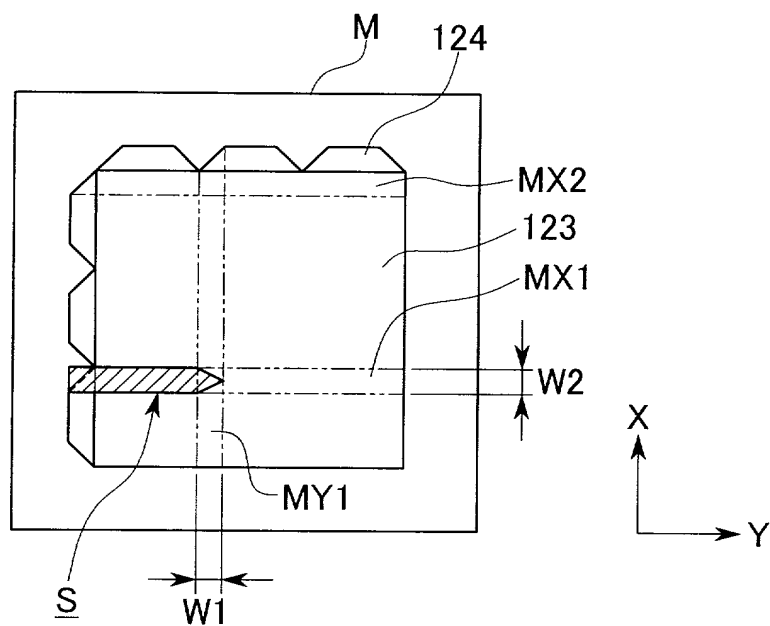
FIG. 26
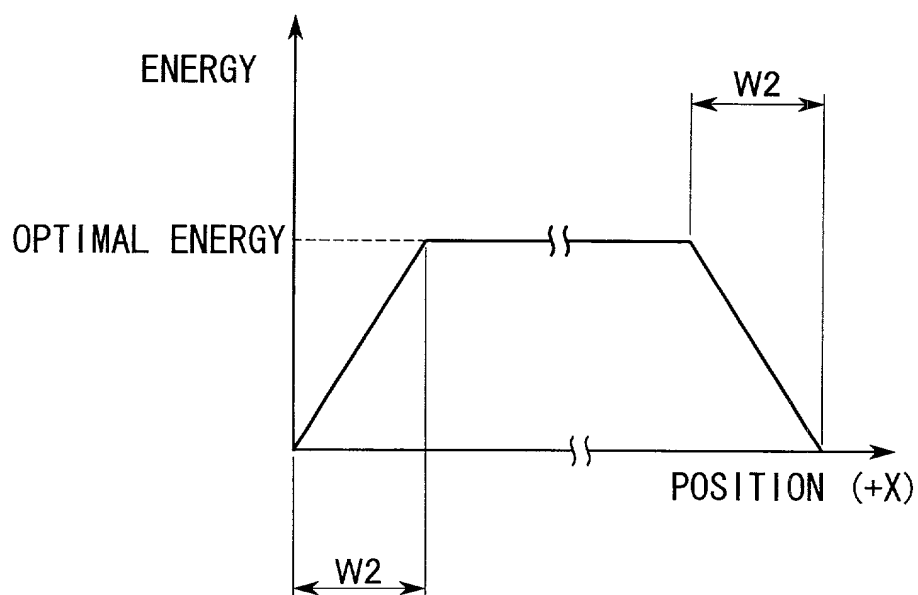
FIG. 27

FIG. 28

FIG. 29

FIG. 30

FIG. 31

M

124

123

MX1

W2

X

Y

S

MY1

W1

FIG. 32

LP

117

116

P1   P3   JX1

W2

P2   P4   JX2

W2

X

Y

JY1   JY2   JY3   JY4

W1

FIG. 33

FIG. 34

FIG. 35

```
            201
             ┌─────────────────────────┐              203
             │       DESIGNING         │               ┌──────────────────────────────┐
             │ (FUNCTION, PERFORMANCE, │               │      GLASS SUBSTRATE,        │
             │        PATTERN)         │               │   WAFER MANUFCACTURING       │
             └────────────┬────────────┘               └──────────────┬───────────────┘
            202           │
             ┌────────────▼────────────┐
             │    MASK (RETICLE)       │
             │    MANUFACTURING        │
             └────────────┬────────────┘
                          │         ┌─────────────────────┘
            204           │         │
             ┌────────────▼─────────▼──┐
             │    GLASS SUBSTATE,      │
             │    WAFER PROCESSING     │
             └────────────┬────────────┘
            205           │
             ┌────────────▼────────────┐
             │    DEVICE ASSEMBLING    │
             └────────────┬────────────┘
            206           │
             ┌────────────▼────────────┐
             │       INSPECTION        │
             └────────────┬────────────┘
                          │
                          ▼
                    (SHIPPING)
```